

FEB 06 2002

TECH CENTER 1600/2800

INFORMATION DISCLOSURE
STATEMENT

BY APPLICANT

Pocket: 245-53722

App: 09/434,837

Applicant: Ream *et al.*

Filed: November 4, 1999

Art Unit: 1649

FOREIGN PATENT DOCUMENTS

Init.	Number	Date	Country	Class	Sub		
B	68574	3/23/93	Japan (translated)				

OTHER DOCUMENTS

Init.*	Reference
B	Baulcombe, "Unwinding RNA Silencing," <i>Science</i> , Vol. 290, pp. 1108-1109, November 10, 2000.
B	Fire <i>et al.</i> , "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," <i>Nature</i> , Vol. 391, pp. 806-811, February 19, 1998.
B	Montgomery <i>et al.</i> , "Double-stranded RNA as a mediator in sequence-specific genetic silencing and co-suppression," <i>TIG</i> , Vol. 14, No. 7, pp. 255-258, July 1998.
B	Montgomery <i>et al.</i> , "RNA as a target of double-stranded RNA-mediated genetic interference in <i>Caenorhabditis elegans</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95, pp. 15502-15507, December 1998.
B	Sharp <i>et al.</i> , "RNA Interference," <i>Science</i> , Vol. 287, pp. 2431-2432, March 31, 2001.
B	Timmons <i>et al.</i> , "Specific interference by ingested dsRNA," <i>Nature</i> , Vol. 395, p. 854, October 29, 1998.

EXAMINER:

David Baum

DATE

7/20/02

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

INFORMATION DISCLOSURE STATEMENT

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Docket: 245-53722

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1999

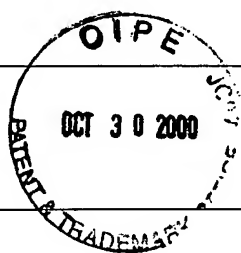
Art Unit:

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OTHER DOCUMENTS

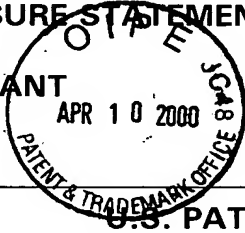
Smith et al., Nature 334:724-726, 1988

Bird et al., Biotechnology and Genetic Engineering Reviews 9:207-227, 1991

EXAMINER: *John Sam*DATE: *7/20/02*

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Docket: 245-53722		App: 09/434,837	
				Applicant: Ream et al.			
				Filed: 11/4/99		Art Unit: << Art Unit >>	



U.S. PATENT DOCUMENTS							
Init. *		Number	Date	Name	Class	Sub	Filed
b		5,929,306	7/27/99	Torisky et al.			

FOREIGN PATENT DOCUMENTS							
		Number	Date	Country	Class	Sub	
		JP05068574A	5/91	Japan			
		WO99/20777	4/99	W.I.P.O.			

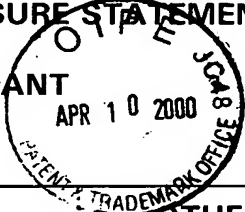
OTHER DOCUMENTS			

EXAMINER:	DATE
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Docket: 245-53722		App: 09/434,837	
				Applicant: Ream et al.			
				Filed: 114/99		Art Unit:	
U.S. PATENT DOCUMENTS							
Init.*		Number	Date	Name	Class	Sub	Filed
<i>B</i>		5,034,323	7/91	Jorgensen et al.			
<i>B</i>		5,217,889	6/93	Roninson et al.			
<i>B</i>		5,583,021	12/96	Dougherty et al.			
<i>B</i>		5,686,649	11/97	Chua et al.			
FOREIGN PATENT DOCUMENTS							
		Number	Date (M/D/Y)	Country	Class	Sub	
<i>B</i>		WO93/17098	9/2/93	W.I.P.O.			
OTHER DOCUMENTS							
<i>B</i>		Wassenegger et al., "A Model for RNA-Mediated Gene Silencing in Higher Plants," Plant Molecular Biology 37:349-362, 1998.					
<i>B</i>		Ream et al., "Multiple Mutations in the T Region of the Agrobacterium Tumefaciens Tumor-Inducing Plasmid," Proc. Natl. Acad. Sci. USA 80:1660-1664, March, 1993.					
<i>B</i>		Marsh et al., "Artificial Defective Interfering RNAs Derived From Brome Mosaic Virus," J. Gen Virol. 72:1787-1792, 1991					
<i>B</i>		Voinnet et al., "Systemic Signalling in Gene Silencing," Nature 389:553, October, 1997.					
<i>B</i>		Tabara et al., "RNAi in C. Elegans: Soaking in the Genome Sequence," Science 282:42-43, October 16, 1998.					
<i>B</i>		Marano et al., "Pathogen-Derived Resistance Targeted Against the Negative-Strand RNA of Tobacco Mosaic Virus: RNA Strand-Specific Gene Silencing?," The Plant Journal 13(4):537-546, 1998.					
EXAMINER: <i>[Signature]</i>				DATE <i>7/20/02</i>			
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			Applicant: Ream et al.	
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OTHER DOCUMENTS				
B				Palauqui et al., "Systemic Acquired Silencing: Transgene-Specific Post-Transcriptional Silencing is Transmitted By Grafting From Silenced Stocks to Non-Silenced Scions," <i>The EMBO Journal</i> 16 :4738-4745, 1997.
				Lindbo et al., "Pathogen-Derived Resistance to a Potyvirus: Immune and Resistant Phenotypes in Transgenic Tobacco Expressing Altered Forms of a Potyvirus Coat Protein Nucleotide Sequence," <i>Molecular Plant-Microbe Interactions</i> 5 :144-153, 1992.
				Dougherty et al., "RNA-Mediated Virus Resistance in Transgenic Plants: Exploitation of a Cellular Pathway Possibly Involved in RNA Degradation," <i>Molecular Plant-Microbe Interactions (MPMI)</i> 7 :544-552, 1994.
				Lindbo et al., "Untranslatable Transcripts of the Tobacco Etch Virus Coat Protein Gene Sequence Can Interfere with Tobacco Etch Virus Replication in Transgenic Plants and Protoplasts," <i>Virology</i> 189 :725-733, 1992.
				Smith et al., "Transgenic Plant Virus Resistance Mediated by Untranslatable Sense RNAs: Expression, Regulation, and Fate of Nonessential RNAs," <i>The Plant Cell</i> 6 :1441-1453, October 1994.
				Palauqui et al., "Transgenes Are Dispensable for the RNA Degradation Step of Cosuppression," <i>Proc. Natl. Acad. Sci. USA</i> 95 :9675-9680, August, 1998.
				Iglesias et al., "Molecular and Cytogenetic Analyses of Stably and Unstably Expressed Transgene Loci in Tobacco," <i>The Plant Cell</i> 9 :1251-1264, August 1997.
				Ruiz et al., "Initiation and Maintenance of Virus-Induced Gene Silencing," <i>The Plant Cell</i> 10 :937-946, June, 1998.
				Kawchuk et al., "Sense and Antisense RNA-Mediated Resistance to Potato Leafroll Virus in Russet Burbank Potato Plants," <i>Mol. Plant Microbe Inter.</i> 4 (3):247-253, 1991.

EXAMINER: <i>John A. Baum</i>	DATE: <i>7/20/02</i>
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OTHER DOCUMENTS							
8			van der Wilk et al., "Expression of the Potato Leafroll Luteovirus Coat Protein Gene in Transgenic Potato Plants Inhibits Viral Infection," <i>Plant Mol. Biol.</i> 17:431-430, 1991.				
			Powell et al., "Protection Against Tobacco Mosaic Virus Infection in Transgenic Plants Requires Accumulation of Coat Protein Rather Than Coat Protein RNA Sequences," <i>Virology</i> 175:124-130, 1990.				
			Xue et al., "Transformation of Five Grape Rootstocks With Plant Virus Genes and a <i>virE2</i> Gene From <i>Agrobacterium Tumefaciens</i> ," <i>In Vitro Cell. Dev. Biol.</i> 35:226-231, May-June, 1999.				
			Clare et al., "Characteristics of the Nopaline Catabolic Plasmid in <i>Agrobacterium</i> Strains K84 and K1026 Used for Biological Control of Crown Gall Disease," <i>Plasmid</i> 23:126-137, 1990.				
			Sitbon et al., "Transgenic Tobacco Plants Coexpressing the <i>Agrobacterium tumefaciens iaaM</i> and <i>iaaH</i> Genes Display Altered Growth and Indoleacetic Acid Metabolism," <i>Plant Physiol.</i> 99:1062-1069, 1992.				
			Weiler et al., "Hormone Genes and Crown Gall Disease," <i>TIBS</i> 271-275, July, 1987.				
			Nam et al., "Differences in Susceptibility of Arabidopsis Ecotypes to Crown Gall Disease May Result From a Deficiency in T-DNA Integration," <i>The Plant Cell</i> 9:317-333, March 1997.				
			Dougherty and Parks, "Transgenes and Gene Suppression Telling Us Something New?" <i>Current Opinion in Cell Biology</i> , 7:399-405, 1995.				
EXAMINER: <i>[Signature]</i>			DATE <i>7/20/92</i>				
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